

NRO REVIEW COMPLETED

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COR-1354
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22 SEP 1961

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MEMORANDUM FOR : Deputy Director (Plans)
 THROUGH : Acting Chief, Development Projects Division
 SUBJECT : CORONA Status Report
 REFERENCE : COR-1343, 19 Sept. 1961, from DD/P to Mr. Coyne

1. This memorandum is for your information.
2. After consultation with Gen. Curtin and Col. Battle, instructions have been sent to effect the following:
 - a. No change in Discoverer XXII payload C'-56 to be launched on 28 September. There had been the option to delay this until a later flight to enable Itek to make changes to produce uniform high quality. Itek has suggested only minor adjustments which can be done without delaying a launch on 28 September.
 - b. Preparation of C'-52 for possible flight on AGENA 1116 on 19 October or AGENA 1117 on 26 October. This camera was for test use only.
 - c. Return of C'-54 from Lockheed to Itek for continued experiments to improve quality of C' series.
3. Schedules of delivery and cost quotations are being worked out with Lockheed, Itek and G.E. to increase the number of possible MURAL flights from 10 to 15 in 1962.
4. The present approved schedule of launches that remain in the program through the first MURAL engineering flight is:

Discoverer No.	AGENA	Payload	Launch Date
32	1115	C'-56	28 Sept.
33	1116	A	19 Oct.
34	1117	A	26 Oct.
35	1118	C'	Nov.
36	1119	C'	Dec.
37	1120	M	Jan.

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The CORONA payload inventory including the above consists of:

- C¹¹¹-56, at VAFB ready for flight 26 September.
- C¹¹¹-52, being readied by Itek for flight. Could be used on 19 or 26 October flights with SO-132 emulsion or later flights with SO-130 emulsion.
- C¹-23)
- C¹-24) Two of these intended for flights in November and
- C¹-25) December; all three are flight ready for use any time.
- C¹-5) In storage, desirability of preparing one as back-up
- C¹-12) being investigated.

5. Col. Battle reports that there is no opportunity to increase the six THOR-ALPHA's now scheduled as above before the MINAL program is well underway in 1962. However, we will be able, if so directed by the Killian Committee, to launch CORONA payloads as follows between now and January 1962:

<u>Discoverer No.</u>	<u>ALPHA</u>	<u>Payload</u>	<u>Launch Date</u>
32	1115	C ¹¹¹ -56	26 Sept.
33	1116	C ¹¹¹ -52 or	
		C ¹	19 Oct.
34	1117	C ¹ or	
		C ¹¹¹ -52	26 Oct.
35	1118	C ¹	Nov.
36	1119	C ¹	Dec.
37	1120	N	Jan.

/s/
EUGENE P. KIEFER
SA/TA/DPD

DPD:EPK

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